

REMARKS

The office action of October 25, 2006, has been carefully considered.

It is noted that the drawings are objected to on various grounds.

Claims 2-4 are rejected under 35 U.S.C. 112, second paragraph.

Claims 1, 5 and 6 are rejected under 35 U.S.C. 103(a) over the patent to Miyahara et al. in view of the patent to Sikli.

Claims 1, 3 and 4 are rejected under 35 U.S.C. 103(a) over Sikli in view of Miyahara et al.

Claim 2 is rejected under 35 U.S.C. 103(a) over Sikli in view of Miyahara et al., and further in view of the patent to Perkins et al.

In connection with the Examiner's objections to the drawings, applicant has attached hereto replacement sheets which correct the

points raised by the Examiner. It is respectfully submitted that no new matter is added by these changes.

In view of these considerations it is respectfully submitted that the objections to the drawings are overcome and should be withdrawn.

In view of the Examiner's rejections of the claims, applicant has amended claims 1-6.

It is respectfully submitted that the claims now on file particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant has amended the claims to address the instances of indefiniteness pointed out by the Examiner.

In view of these considerations it is respectfully submitted that the rejection of claims 2-4 under 35 U.S.C. 112, second paragraph is overcome and should be withdrawn.

It is respectfully submitted that the claims presently on file differ essentially and in an unobvious, highly advantageous manner from the constructions disclosed in the references.

Turning now to the references and particularly to the patent to Miyahara et al., it can be seen that this patent discloses an apparatus for storage and conveyance of heavy articles. Miyahara et al. do not teach any scissor unit, let alone a scissor unit mounted only for the purpose of linear vertical guidance and so as to not take on any lifting forces, as in the presently claimed invention.

The patent to Sikli discloses a scissors lift. The scissor lift of Sikli clearly imparts lifting forces and does not function only as a guide.

The Examiner combined Miyahara et al. with Sikli in determining that claims 1, 5 and 6 would be unpatentable over such a combination. The Examiner also combined Sikli with Miyahara et al. in determining that claims 1, 3 and 4 would be unpatentable over such a combination. Applicant respectfully submits that neither of these references, nor their combination, teach a coil transfer car as in the presently claimed invention, in which the scissor mechanism only acts as a guide and does not impart any lifting forces. In the references the scissor mechanism is clearly present for the purpose of lifting.

In view of these considerations it is respectfully submitted that the rejections of claims 1, 5 and 6, and 1, 3 and 4 under 35 U.S.C. 103(a) over combinations of the above-discussed references are overcome and should be withdrawn.

The patent to Perkins et al. discloses a multiple ram assembly and recuperative drive system for a hydraulic lift. The Examiner combined this reference with Sikli and Miyahara et al. in determining that claim 2 would be unpatentable over such a combination. Applicant submits that Perkins et al. add nothing to the teachings of the other references so as to suggest the presently claimed invention as discussed above in connection with the independent claim.

In view of these considerations it is respectfully submitted that the rejections of claim 2 under 35 U.S.C. 103(a) over a combination of the above-discussed references is overcome and should be withdrawn.


Reconsideration and allowance of the present application are respectfully requested.



HM-629

Any additional fees or charges required at this time in connection with this application may be charged to Patent and Trademark Office Deposit Account No. 11-1835.

Respectfully submitted,

By 

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450 Alexandria, VA 22313-1450, on January 25, 2007.

By:   
Klaus P. Stoffel

Date: January 25, 2007

AMENDMENTS TO THE DRAWINGS:

The attached sheets of drawings include changes to Figs. 1, 2, 7 and 9. These sheets, which include Figs. 1, 2 and 7-10, replace the original sheets including Figs. 1, 2 and 7-10. In Figs. 1 and 2, the lead line for reference numeral 8 has been corrected. In Figs. 7 and 9, the reference characters A-A and B-B have been deleted.

Attachment: Replacement Sheets (4)